## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 2

PATENT NO.

: 6,690,754 B1

\*APPLICATION NO. : 09/326785

DATED

: February 10, 2004

INVENTOR(S)

: Haratsch et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

56

Title page item [ In the References Cited, change the final "Other Publications" reference to read: -- W. Lee and F. Hill, "A Maximum-Likelihood Sequence Estimator with Decision-Feedback Equalization", IEEE Transactions on Communications, vol. 25, Issue 9, 971-979 (Sep. 1977).--

In the specification, column 2, line 60, "tentativnre" should be changed to read as: --tentative--

In the specification, column 3, line 40 should be changed to read as:

--has a length, L, denoted by  $\{f_k\}_{k=0}^L$ , where  $f_k$  is the--

In the specification, column 4, line 17 should be changed to read as:

--interference introduced by the tail channel taps  $\{f_k\}_{k=U+1}^L$ 

In the specification, column 4, line 19 should be changed to read as:

--interference introduced by only the initial channel taps  $\{f_k\}_{k=1}^U$ 

In the specification, column 5, line 38 should be changed to read as:

-expressed as 
$$\rho_n = (\sigma_{n-K}; X_{n-K}^{m_K}, ..., X_{n-1}^{m_1})$$
 where  $X_{n-1}^{m_1}$  -.

In the specification, column 5, lines 44-45 should be changed to read as:

-- The reduced trellis has  $S' = S \times 2^{m_1 + ... + m_k}$  states.--.

In the specification, column 5, line 62, before "previously" and after "the" replace "k" with --K--.

In the specification, column 6, line 18 should be changed to read as:  $-b = 2^{m'}$  extensions, then the resulting bM paths are tested for--.

In claim 1, column 6, line 40, "L+ taps" should be changed to read as: --L+1 taps--.

In claim 11, column 7, line 11, "L+ taps" should be changed to read as: --L+1 taps--.

In claim 20, column 8, line 10, "L+ taps" should be changed to read as: -L+1 taps--.

In claim 21, column 8, line 19, "L+ taps" should be changed to read as: --L+1 taps--.

In claim 22, column 8, line 27, "L+ taps" should be changed to read as: --L+1 taps--

Note This certificate supersedes certificate of correction issued March 30,2010.

